

WHAT IS CLAIMED IS:

1. A composite French door comprising:
 - a first and a second door stiles;
 - a top transversal piece mounted between said first and said second door stiles; and
 - a bottom transversal piece mounted between said first and said second door stiles;wherein said first and second door stiles and said top and bottom transversal pieces include joining parts.
2. The composite French door according to claim 1, wherein said first and second door stiles each comprise a first and a second face pieces separated by outer edge pieces to form a first unitary piece having a first joining part, and wherein said bottom transverse and said top transverse pieces each comprises a spacer adhered to between two face pieces, forming each a second unitary piece having a second joining part.
3. The composite French door according to claim 2, wherein said first and said second door stiles further comprise at least one spacer between said first face piece and said second face piece.
4. The composite French door according to claim 2, wherein said joining parts of the first and second door stiles comprise a V-shape notch in the first and second face pieces thereof and a shape of one of the outer edges thereof in a form of a joining edge, and wherein said joining parts of said bottom transverse and said top transverse pieces comprise a V-shape notch in the first and second face pieces thereof and a shape of the spacers thereof in a form of

joining spacers having a shape matting the shape of said joining edges of said joining parts of the first and second door stiles.

5. The composite French door according to claim 4, wherein said first joining parts of the first and second door stiles are made by bevelling said first face piece and said second face piece.

6. The composite French door according to claim 2, wherein said first face piece and said second face piece are made in one of a solid wood and a composite material.

7. The composite French door according to claim 2, wherein said outer edge pieces are made of solid wood.

8. The composite French door according to claim 2, wherein said first and said second door stiles comprise foam between said first face piece and said second face piece.

9. A method for fabricating a composite door comprising the steps of:
cutting face pieces;
cutting edge pieces;
cutting spacers;
assembling a first and a second face pieces to at least one edge piece into a blank door stile;
assembling at least one spacer between two face pieces into a blank transverse piece;
cutting a blank door stile into a door stile having a first joining part;
cutting a blank transverse piece into a number of transverse pieces each having a second joining part; and

assembling a first door stile and a second door stile to a first transverse piece and to a second transverse piece by mating the first joining parts to the second joining parts respectively.

10. The method according to claim 9, wherein said step of cutting a blank door stile into a door stile having a first joining part comprises cutting the first and the second face pieces thereof with a V-shape notch and shaping one of the at least one edge piece thereof into a joining edge; and wherein said cutting a blank transverse piece into a number of transverse pieces each having a second joining part comprises cutting the first and the second face pieces thereof with a V-shape notch and shaping the at least one spacer thereof into a joining spacer having a shape matting a shape of the joining edge.

11. The method according to claim 9, wherein said step of cutting face pieces comprises cutting face pieces made in one of a solid wood and a composite material.

12. The method according to claim 9, wherein said step of cutting edge pieces comprises cutting edge pieces made of solid wood.

13. The method according to claim 9, wherein said step of assembling a first and a second face pieces to at least one edge piece into a blank door stile comprises providing foam between the first and the second face pieces.